



JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : John Timothy Otto et al.

Group Art Unit: 3644

Examiner:

Serial No.: 10/814,384

Filed : March 31, 2004

For : ICE DETECTOR FOR IMPROVED ICE  
DETECTION AT NEAR FREEZING  
CONDITION

Docket No.: B04.12-0075

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

20<sup>th</sup> DAY OF August, 20 04.

  
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

**TIME OF FILING**

The information disclosure statement is being filed with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.

**METHOD OF PAYMENT**

  X   No fee is required.

       Attached is a check in the amount of \$       .

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

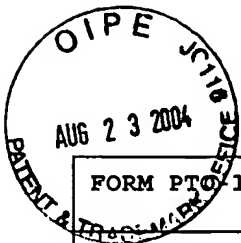
WESTMAN, CHAMPLIN & KELLY, P.A.

By:



John D. Veldhuis-Kreeze, Reg. No. 38,354  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222  
Fax: (612) 334-3312

JVK/jme



FORM PTO 1449	Atty. Docket No.: B04.12-0075	Appl. No.: 10/814,384
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor: <b>John Timothy Otto et al.</b>	
	Filing Date <b>March 31, 2004</b>	Group Art: <b>3644</b>

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	2,359,787	10/10/1944	Peters et al.			
AB	2,414,756	1/21/1947	May	177	311	
AC	2,766,619	11/16/1956	Tribus et al.	73	170	
AD	2,800,647	7/23/1957	Baerwald et al.	340	234	
AE	3,000,213	9/19/1961	Eves et al.	73	349	
AF	3,240,054	3/15/1966	Roth	73	67.1	
AG	3,341,835	9/12/1967	Werner et al.	340	234	
AH	3,594,775	7/20/1971	Fox	340	234	
AI	4,036,457	7/19/1977	Volkner et al.	244	134	
AJ	4,037,427	7/26/1977	Kramer	62	128	
AK	4,054,255	10/18/1977	Magenheim	244	134	
AL	4,092,862	6/6/1978	Taylor	73	362	
AM	4,210,021	7/1/1980	Vykhodtsev et al.	73	170	
AN	4,327,286	4/27/1982	Thoma	250	231	
AO	4,333,004	6/1/1982	Forgue et al.	219	497	
AP	4,367,399	1/4/1983	Anthony et al.	219	497	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AQ	GB 2 124 764 A	12.7.83	Great Britain			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Messinger, B., "Equilibrium Temperature of an Unheated Icing Surface as a Function of Air Speed", J. Aeronaut. Sci., pages 29-42, January 1953.
----	---

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: B04.12-0075	Appl. No.: 10/814,384
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor: John Timothy Otto et al.	
	Filing Date March 31, 2004	Group Art: 3644

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
BA	4,461,178	7/24/1984	Chamuel	73	599	
BB	4,553,137	11/12/1985	Marxer et al.	340	582	
BC	4,611,492	9/16/1986	Koosmann	73	579	
BD	4,640,127	2/3/1987	Schneider	73	295	
BE	4,755,062	7/5/1988	Meyer	374	16	
BF	4,897,527	1/30/1990	Cripps et al.	219	492	
BG	4,980,673	12/25/1990	Kleven	340	581	
BH	5,003,295	3/26/1991	Kleven	340	581	
BI	5,140,135	8/18/1992	Freeman	219	497	
BJ	5,821,862	10/13/1998	MacKenzie	340	583	
BK	5,955,887	9/21/1999	Codner et al.	324	689	
BL	6,010,095	1/4/2000	Hackmeister	244	134	
BM	6,052,056	4/18/2000	Burns et al.	340	583	
BN	6,196,500	3/6/2001	Al-Khalil et al.	244	134	
BO	6,269,320	7/31/2001	Otto	702	127	
BP	6,320,511	11/20/2001	Cronin et al.	340	580	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BQ	Ligrani et al., P. M., "Comparison of Heat-Transfer Augmentation Techniques", American Institute of Aeronautics and Astronautics Journal, Vol. 41, No. 3, pages 337-362, March 2003.
BR	Žukauskas et al., A., "Heat Transfer of a Cylinder in Crossflow", Hemisphere Publishing Corporation, 1985.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

The PTO did not receive the following  
listed item(s) FOR document.